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ABSTRACT

Every year the National Center for Education Statistics publishes this pocket summary of projections of education statistics. These brief tables give a sampling of what is expected over the next decade, summarizing the complete book, "Projections of Education Statistics to 2005." It is expected that the population of persons aged 5 to 13 years will increase by 2005 by about 11%. The total enrollment in elementary and secondary education is expected to grow by about 14% from the 1993-94 figure of 48,824,000, with the greatest increases coming during the high school years. The projected high school enrollment by the year 2005, 15,985,000, is about 21% above that of 1993-94. High school graduates are expected to rise proportionately, as are the numbers of teachers. Expenditures for elementary and secondary education are expected to increase at an even greater rate, with the projected figure for 2005 anticipated to be 33% above that of 1993-94. Enrollment in higher education is expected to increase by 8% by 2005. While a slight increase is anticipated in the numbers of women receiving advanced degrees, the absolute numbers of men earning master's and doctor's degrees are expected to decline. Technical notes explain the projection methodology. (SLD)

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Pocket Projections

NATIONAL CENTER FOR EDUCATION STATISTICS

PROJECTIONS OF EDUCATION STATISTICS TO 2005

ED 385 541

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2

U.S. Department of Education
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Each year, the National Center for Education Statistics (NCES) of the U.S. Department of Education publishes this pocket summary of projections of education statistics.

The following tables give a sampling of what will happen over the next decade. But there is far more you can learn.

The complete book ***Projections of Education Statistics to 2005*** provides the reader with NCES information on projected enrollment at all education levels; numbers of high school graduates, earned degrees conferred, and classroom teachers; and expenditures of public elementary and secondary schools as well as of institutions of higher education. In addition, there are some supplementary tables from other sources.

The book takes a look at topics such as

- What is going to happen to education in the next 10 years?
- How many students will be in school at every level?
- Is the average age of college students going to continue to rise?
- Should communities build schools or wait?

To receive a copy of the 200-page ***Projections of Education Statistics to 2005***, see the ordering information at the end of this booklet.

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Pocket Projections

NATIONAL CENTER FOR EDUCATION STATISTICS

PROJECTIONS OF EDUCATION STATISTICS TO 2005

William J. Hussar
National Center for Education Statistics

U.S. Department of Education
Office of Educational Research and Improvement NCES 95-163

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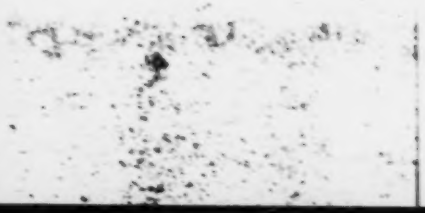
February 1995



Pocket Projections
1982-83 to 2004-2005

Characteristic	1982-83	1993-94 (estimate)	2004-2005 (projected)	Percent change 1982-83 to 1993-94	Percent change 1993-94 to 2004-2005
		Population[1]			
		(Numbers in thousands)			
5-13 years old	30,528	33,424	37,080	9	11
14-17 years old	15,057	13,802	16,522	-8	20
18 years old	4,136	3,346	4,041	-19	21
18-24 years old	30,433	26,133	27,881	-14	7
25-29 years old	20,816	20,313	17,505	-2	-14
30-34 years old	18,781	22,509	19,335	20	-14
35-44 years old	27,645	40,371	43,644	46	8
		Elementary/secondary education			
		(Numbers in thousands)			
Enrollment					
Total	45,166	48,824	55,681	8	14
Public	39,566	43,353	49,470	10	14
Private	5,600	5,471	6,211	-2	14
Kindergarten–grade 8	31,361	35,652	39,696	14	11
Public	27,161	31,372	34,931	16	11
Private	4,200	4,280	4,765	2	11
Grades 9–12	13,805	13,172	15,985	-5	21
Public	12,405	11,981	14,539	-3	21
Private	1,400	1,191	1,446	-15	21

See footnotes on page 6.

Characteristic	1982-83	1993-94 (estimate)	2004-2005 (projected)	Percent change 1982-83 to 1993-94	Percent change 1993-94 to 2004-2005
		Elementary/secondary education			
		(Numbers in thousands)			
High school graduates					
Total	2,888	2,481	3,016	-14	22
Public	2,598	2,227	2,707	-14	22
Private	290	254	309	-12	22
Classroom teachers					
Total	2,458	2,873	3,343	17	16
Public	2,133	2,507	2,921	18	17
Private[2]	325	366	421	13	15
Elementary	1,413	1,773	1,979	25	12
Public	1,182	1,511	1,687	28	12
Private[2]	231	262	292	13	11
Secondary	1,045	1,100	1,364	5	24
Public	951	996	1,235	5	24
Private[2]	94	104	129	11	24
Pupil/teacher ratios[3]		(In units)			
Public					
Elementary	20.1	18.7	18.5	—	—
Secondary	16.6	15.1	14.8	—	—
Private					
Elementary[2]	18.2	16.3	16.3	—	—
Secondary[2]	14.9	11.5	11.2	—	—

Characteristic	1982-83	1993-94 (estimate)	2004-2005 (projected)	Percent change 1982-83 to 1993-94	Percent change 1993-94 to 2004-2005
		Elementary/secondary education			
Expenditures		(Billions of constant 1992-93 dollars)			
Current expenditures in public schools[4]	$157.2	$227.0	$301.9	44	33
Current expenditures per pupil in average daily attendance in public schools	$4,292	$5,630	$6,576	31	17
Average annual salaries for teachers in public schools	$30,054	$35,019	$39,232	17	12
		Higher education			
		(Numbers in thousands)			
Enrollment					
Total	12,426	14,762	15,976	19	8
Control of institution					
Public	9,696	11,569	12,529	19	8
Private	2,730	3,193	3,447	17	8
Type of institution					
4-year	7,654	9,073	9,818	19	8
2-year	4,772	5,689	6,158	19	8

Characteristic	1982-83	1993-94 (estimate)	2004-2005 (projected)	Percent change 1982-83 to 1993-94	Percent change 1993-94 to 2004-2005
		Higher education (Numbers in thousands)			
Enrollment (continued)					
Sex of student					
Men	6,031	6,643	7,231	10	9
Women	6,394	8,119	8,745	27	8
Age[2]					
19 years and under	2,959	2,861	3,501	-3	22
20-21 years old	2,539	2,762	3,108	9	13
22-24 years old	2,081	2,596	2,798	25	8
25-29 years old	1,995	2,091	1,915	5	-8
30-34 years old	1,263	1,538	1,406	22	-9
35 years and over	1,589	2,915	3,248	83	11
Attendance status					
Full-time	7,221	8,220	9,053	14	10
Part-time	5,205	6,542	6,923	26	6
Level					
Undergraduate	10,825	12,686	13,969	17	10
Graduate	1,322	1,774	1,810	34	2
First-professional	278	302	295	9	-2
Full-time-equivalent	9,092	10,579	11,548	16	9
Earned degrees					
Associate	456	535	556	17	4
Men	207	214	220	3	3
Women	249	321	337	29	5

Characteristic	1982-83	1993-94 (estimate)	2004-2005 (projected)	Percent change 1982-83 to 1993-94	Percent change 1993-94 to 2004-2005
		Higher education (Numbers in thousands)			
Earned degrees (continued)					
Bachelor's	970	1,165	1,264	20	9
Men.	479	526	581	10	10
Women	490	638	683	30	7
Master's	290	386	362	33	-6
Men	145	183	156	26	-15
Women	145	203	206	40	1
Doctor's	33	43	38	30	-11
Men	22	27	17	21	-35
Women	11	16	21	48	29
First-professional	73	75	80	3	6
Men	51	45	47	-12	4
Women	22	30	33	38	10
Expenditures	(Billions of constant 1992-93 dollars)				
Current-fund expenditures	$110.3	$171.1	$229.4	55	34
Public	72.0	107.3	143.7	49	34
Private	38.3	63.7	85.7	66	35

Technical Notes

General Projection Methodology

Beginning with institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census, total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major projection techniques used to forecast these rates. Demographic assumptions used by NCES are consistent with Bureau of the Census middle series of population projections. Elementary and secondary expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and details on data sources, see ***Projections of Education Statistics to 2005***.

—Percentage not calculated.

[1] Population projections are from the middle series of population projections of the Bureau of the Census. Population data for 1993-94 are projected.

[2] Data for 1982-83 are estimated.

[3] Based on enrollment by organizational level.

[4] Excludes capital outlay and interest.

NOTE: Because of rounding, details may not add to totals. Percentages are based on unrounded numbers.

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